PTO/SB/21 (04-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Thu!

			Application Number	10/760,99	99
	MITTAL		Filing Date	January 2	20, 2004
FO			First Named Inventor	Mark HAF	RBAUGH
(to be used for all corresp	(to be used for all correspondence after initial filing)		Art Unit	3732	
			Examiner Name	EREZO), Darwin⇔P.
Total Number of Pages in T	This Submission		Attorney Docket Number	50642/28	7728
		ENCLO	SURES (check all that apply)		
Fee Transmittal Form		☐ Drawin	g(s)		llowance Communication to blogy Center (TC)
Fee Attached		Licensi	ng-related Papers		Communication to Board of Is and Interferences
Amendment / Reply		Petition	ו		Communication to TC I Notice, Brief, Reply Brief)
After Final			n to Convert to a onal Application	Proprie	etary Information
Affidavits/declarati	on(s)		of Attorney, Revocation e of Correspondence Address	☐ Status	Letter
Extension of Time Request		al Disclaimer	Other Enclosure(s) (please identify below):		
Express Abandonment Request		st for Refund		Form PTO/SB/08 (13 sheets) 105 publications	
	Statement	∐ CD, Nu	ımber of CD(s)		
Certified Copy of Priori	ity ·	Rema	rks		
Response to Missing F Incomplete Application					
Response to Missi Parts under 37 CF 1.52 or 1.53					
	SIGNA	TURE OF A	APPLICANT, ATTORNEY, O	R AGENT	
Firm or Mice Individual name	hael A. Bertelson,	Reg. No. 54,7	13		
Signature Mil Blu					
Date 5	ept. 28,	2005			
	С	ERTIFICAT	TE OF TRANSMISSION/MAI	LING	
I hereby certify that this co- class mail in an envelope a 1450 on the date shown be	addressed to: M	is being dep lail Stop Ame	osited with the United States Poendment, Commissioner for Pate	ostal Service ents, P.O. Box	with sufficient postage as first x 1450, Alexandria, VA 22313-
Typed or printed name	Colleen Kadia	ın	.) .		
Signature	/ eller	1. d		Date	9/28/05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USFTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

SEP 3 0 2005 B

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS:

Mark HARBAUGH, et al.

SERIAL NO.:

10/760,999

Group Art Unit:

3732

FILED:

January 20, 2004

Examiner:

EREZO, Darwin P.

FOR:

SYSTEMS AND METHODS FOR PERFORMING

MINIMALLY INVASIVE INCISIONS

Attorney Docket No.: 50642/287728

Date: September 28, 2005

Mail Stop Amendment Commissioner for Patents P. O. Box 1450 Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with Rules 56, 97 and 98 of the Rules of Practice in Patent Cases (37 C.F.R. §§ 1.56, 1.97, and 1.98), the publications listed on the enclosed Form PTO/SB/08 are cited for consideration by the Examiner. Copies of the cited non-U.S. publications and other materials are enclosed.

Submission of the references provided in this Information Disclosure is not intended to constitute an admission that any reference referred to herein is prior art for this invention unless specially designated as such. Also, in accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists.

U.S. Serial No. 10/760,999

Filed: January 20, 2004

INFORMATION DISCLOSURE STATEMENT

Page 2

This Information Disclosure Statement is being filed pursuant to 37 C.F.R.

1.97(b), before the mailing date of an office action on the merits. Applicants believe that no fee is due for consideration of this paper. However, if a fee is due, the Commissioner is authorized to charge any fee due to Deposit Account No. 11-0855.

Respectfully submitted,

Michael A. Bertelson

Registration No. 54,713

KILPATRICK STOCKTON LLP Suite 2800, 1100 Peachtree Street Atlanta, Georgia 30309-4530 Phone (404) 815-6500 SEP 3 0 2005 B

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

ibstitute for form 1449A/PTO

ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 13

Complete if Known				
Application Number	10/760,999			
Filing Date	January 20, 2004			
First Named Inventor	Mark HARBAUGH			
Art Unit	3732			
Examiner Name				
Attorney Docket Number	50642/287728			

			U.S. PATENT I	Name of Patentee or Applicant of	
Examiner Initials *	Cite No. ¹	Document Number Number - Kind Code² (if known)	Publication Date MM-DD-YYYY	Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	US2001/0001120A1	05/10/2001	Masini	
	2.	US2001/0014772A1	08/16/2001	Lampotang, et al.	
	3.	US2001/0016745A1	08/23/2001	Bullivant, et al.	
	4.	US2001/0039421 A1	11/08/2001	Heilbrun, et al.	
	5.	US2002/0002330 A1	01/03/2002	Vilsmeier	
	6.	US2002/0002365A1	01/03/2002	Lechot	
	7.	US2002/0016540 A1	02/07/2002	Mikus, et al.	
	8.	US2002/0029041 A1	03/07/2002	Hover, et al.	
	9.	US2002/0038085A1	03/28/2002	Immerz	
	10.	US2002/0052606 A1	05/02/2002	Bonutti	
	11.	US2002/0065461A1	05/30/2002	Cosman	
	12.	US2002/0068942 A1	06/06/2002	Neubauer, et al.	
	13.	US2002/0072748 A1	06/13/2002	Robioneck	
	14.	US2002/0077540A1	06/20/2002	Kienzle, III	
	15.	US2002/077533 A1	06/20/2002	Bieger, et al.	
	16.	US2002/0085681 A1	07/04/2002	Jensen	
	17.	US2002/0087101A1	07/04/2002	Barrick, et al.	
	18.	US2002/0095081 A1	07/18/2002	Vilsmeier	
	19.	US2002/0107518 A1	08/08/2002	Neubauer, et al.	
	20.	US2002/011594A1	01/31/2002	DeSouza	
	21.	US2002/0133161 A1	09/19/2002	Axelson, et al.	
	22.	US2002/0133175 A1	09/19/2002	Carson	
	23.	US2002/0147455	10/10/2002	Carson	
	24.	US2002/0151898 A1	10/17/2002	Sohngen, et a.	
	25.	US2002/0156371A1	10/24/2002	Hedlund, et al.	
	26.	US2002/0156479A1	10/24/2002	Schulzki, et al.	
	27.	US2002/0188194A1	12/12/2002	Cosman	
	28.	US2002/0193800 A1	12/19/2002	Kienzle, III, et al.	
	29.	US2002/0198531 A1	12/26/2002	Millard, et al.	
	30.	US2002/0198448A1	12/26/2002	Zuk, et al.	
	31.	US2002/0198451A1	12/26/2002	Carson	
	32.	US2003/0069591A1	04/10/2003	Carson	
	33.	US2003/0018338A1	01/23/2003	Axelson, Jr., et al.	
	34.	US2003/0045883A1	03/06/2003	Chow, et al.	
	35.	US2003/0153829 A1	08/14/2003	Sarin, et al.	
	36.	US2003/0153859	08/14/2003	Hinshon	
	37.	US2003/0153978A1	08/14/2003	Whiteside	

	المستقب المراكب والمستقب المستقب المراكب والمستقب المراكب والمستقب المراكب والمستقب والمستقب والمستقب		
Examiner Signature		Date Considered	-

ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449A/PTO

10/760,999 Application Number Filing Date January 20, 2004 Mark HARBAUGH First Named Inventor Art Unit 3732 Examiner Name

Complete if Known

(Use as many sheets as necessary)

50642/287728 Sheet 2 of 13 Attorney Docket Number

38.	US2003/0164172 A1	09/04/2003	Chumas, et al.
39.	US2003/0181918 A1	09/25/2003	Smothers, et al.
40.	US2003/0187351 A1	10/02/2003	Franck, et al.
41.	US2003/0187452A1	10/02/2003	Smith et al.
42.	US2003/192557 A1	10/16/2003	Krag, et al.
43.	US2004/0019382	01/29/2004	Amirouche, et al.
44.	US2004/0260290	12/23/2004	Zander et al.
45.	US2005/0075632 A1	04/07/2005	Russell, et al.
46.	US2005/0085822 A1	04/21/2005	Thornberry, et al.
47.	1,076,971	10/28/1913	Geiger
48.	1,201,467	10/17/1916	Hoglund
49.	2,092,869	09/14/1937	Baum
50.	3,412,733	11/26/1968	Ross
51.	3,457,922	07/29/1969	Ray
52.	3,702,611	11/14/1972	Fishbein
53.	4,305,394	12/15/1981	Bertuch, Jr.
54.	4,323,080	04/06/1982	Melharty
55.	4,421,112	12/20/1983	Mains, et al.
56.	4,457,307	07/03/1984	Stillwell
57.	4,483,554	11/20/1984	Ernst
58.	4,524,766	06/25/1985	Petersen
59.	4,534,364	08/13/1985	Lamoreux
60.	4,566,448	01/28/1986	Rohr, Jr.
61.	4,567,885	02/04/1986	Androphy
62.	4,567,886	02/04/1986	Petersen
63.	4,712,951	12/15/1987	Brown
64.	4,718,413	01/12/1988	Johnson
65.	4,722,056	01/26/1988	Roberts, et al.
66.	4,759,350	07/26/1988	Dunn, et al.
67.	4,802,468	02/07/1989	Powlan
68.	4,803,976	02/14/1989	Frigg, et al.
69.	4,875,475	10/24/1989	Comte, et al.
70.	4,892,093	01/09/1990	Zarnowski, et al.
71.	4,913,163	04/03/1990	Roger, et al.
72.	4,952,213	08/28/1990	Bowman, et al.
73.	4,964,862	10/23/1990	Arms
74.	5,002,545	03/26/1991	Whiteside, et al.
75.	5,037,423	08/06/1991	Kenna
76.	5,053,039	10/01/1991	Hofmann, et al.
77.	5,078,719	01/07/1992	Schreiber
78.	5,092,869	03/03/1992	Waldron

			
Examiner Signature	·	Date Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO **ADDITIONAL**

(Use as many sheets as necessary)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known Application Number 10/760,999 January 20, 2004 Filing Date Mark HARBAUGH First Named Inventor Art Unit 3732 Examiner Name 50642/287728 Attorney Docket Number

13 Sheet 3

79.	5,116,338	05/26/1992	Poggie, et al.
80.	5,122,144	06/16/1992	Bert, et al.
81.	5,129,909	07/14/1992	Sutherland
82.	5,190,547	03/02/1993	Barber, Jr., et al.
83.	5,213,312	05/25/1993	MacDonald
84.	5,217,499	06/08/1993	Shelley
85.	5,230,338	07/27/1993	Allen, et al.
86.	5,246,444	09/21/1993	Schreiber
87.	5,254,119	10/19/1993	Schreiber
88.	5,289,826	03/01/1994	Kovacevic
89.	5,360,016	11/01/1994	Kovacevic
90.	5,364,402	11/15/1994	Mumme, et al.
91.	5,375,588	12/27/1994	Yoon
92.	5,379,133	01/03/1995	Kirk
93.	5,383,454	01/24/1995	Bucholz
94.	5,389,101	02/14/1995	Heilbrun et al.
95.	5,395,376	03/07/1995	Caspari, et al.
96.	5,423,828	06/13/1995	Benson
97.	5,425,355	06/20/1995	Kulick
98.	5,449,360	09/12/1995	Schreiber
99.	5,462,548	10/31/1995	Pappas, et al.
100.	5,462,549	10/31/1995	Glock
101.	5,468,244	11/21/1995	Attfield, et al.
102.	5,470,354	11/28/1995	Hershberger, et al.
103.	5,474,559	12/12/1995	Bertin, et al.
104.	5,486,178	01/23/1996	Hodge
105.	5,490,854	02/13/1996	Fisher, et al.
106.	5,491,510	02/13/1996	Gove
107.	5,507,824	04/16/1996	Lennox
108.	5,514,139	05/07/1996	Goldstein, et al.
109.	5,517,990	05/21/1996	Kalfas, et al.
110.	5,540,691	07/30/1996	Elmstrom, et al.
111.	5,540,695	07/30/1996	Levy
112.	5,540,696	07/30/1996	Booth, Jr., et al.
113.	5,569,260	10/29/1996	Petersen
114.	5,597,379	01/28/1997	Haines, et al.
115.	5,598,269	01/28/1997	Kitaevich, et al.
116.	5,603,318	02/18/1997	Heilbrun, et al.
117.	5,613,969	03/25/1997	Jenkins, Jr.
118.	5,643,268	07/01/1997	Vilsmeier, et al.
119.	5,643,272	07/01/1997	Haines, et al.

Examiner		Date	-	
Signature	 	Considered	<u> </u>	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO **ADDITIONAL** INFORMATION DISCLOSURE

Complete if Known Application Number 10/760,999 January 20, 2004 Filing Date Mark HARBAUGH First Named Inventor Art Unit 3732 Examiner Name

STATEMENT BY APPLICANT (Use as many sheets as necessary)

50642/287728 Sheet Attorney Docket Number

120.	5,658,290	08/19/1997	Lechot
121.	5,669,914	09/23/1997	Eckhoff
122.	5,676,668	10/14/1997	McCue, et al.
123.	5,682,886	11/04/1997	Delp, et al.
124.	5,695,501	12/09/1997	Carol, et al.
125.	5,702,406	12/30/1997	Vilsmeier, et al.
126.	5,707,370	01/13/1998	Berki, et al.
127.	5,709,689	01/20/1998	Ferrante, et al.
128.	5,715,836	02/10/1998	Kliegis, et al.
129.	5,716,361	02/10/1998	Masini
130.	5,720,752	02/24/1998	Elliott, et al.
131.	5,722,978	03/03/1998	Jenkins, Jr.
132.	5,733,292	05/31/1998	Gustilo, et al.
133.	5,735,904	04/07/1998	Pappas
134.	5,743,915	04/28/1998	Bertin, et al.
135.	5,748,767	05/05/1998	Raab
136.	5,755,725	05/26/1998	Druais
137.	5,755,803	05/26/1998	Haines, et al.
138.	5,769,861	06/23/1998	Vilsmeier
139.	5,772,593	06/30/1998	Hakamata
140.	5,772,594	06/30/1998	Barrick
141.	5,776,064	07/07/1998	Kalfas, et al.
142.	5,782,842	07/21/1998	Kloess, et al.
143.	5,792,147	08/11/1998	Evans, et al.
144.	5,799,055	08/25/1998	Peshkin, et al.
145.	5,800,352	09/01/1998	Ferre, et al.
146.	5,800,438	09/01/1998	Tuke, et al.
147.	5,807,252	09/15/1998	Hassfeld, et al.
148.	5,810,827	09/22/1998	Haines, et al.
149.	5,810,841	09/22/1998	McNeirney, et al.
150.	5,817,097	10/06/1998	Howard, et al.
151.	5,836,954	11/17/1998	Heilbrun, et al.
152.	5,848,967	12/15/1998	Cosman
153.	5,850,836	12/22/1998	Steiger, et al.
154.	5,860,981	01/19/1999	Bertin, et al.
155.	5,865,809	02/02/1999	Moenning, et al.
156.	5,871,018	02/16/1999	Delp, et al.
157.	5,871,445	02/16/1999	Bucholz
158.	5,879,352	03/09/1999	Filoso, et al.
159.	5,879,354	03/09/1999	Haines, et al.
160.	5,880,976	03/09/1999	DiGioia III, et al.

Examiner Signature	-	Date Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449A/PTO

(Use as many sheets as necessary)

 Sheet
 5
 of
 13
 Attorney Docket Number
 50642/287728

161	5,885,296	03/23/1999	Masini
161.		03/23/1999	Matsen, III
162.	5,885,297	06/29/1999	Hodorek, et al.
163.	5,916,221		Schulz
164.	5,920,395	07/06/1999	Costales, et al.
165.	5,921,992	07/13/1999	
166.	5,925,049	07/20/1999	Gustilo, et al.
167.	5,935,128	08/10/1999	Carter, et al.
168.	5,938,665	08/17/1999	Martin
169.	5,944,722	08/31/1999	Masini
170.	5,947,973	09/07/1999	Masini
171.	5,951,561	09/14/1999	Pepper, et al.
172.	5,957,926	09/28/1999	Masini
173.	5,961,523	10/05/1999	Masini
174.	5,971,989	10/26/1999	Masini
175.	5,980,526	11/09/1999	Johnson, et al.
176.	5,999,837	12/07/1999	Messner, et al.
177.	6,001,106	12/14/1999	Ryan, et al.
178.	6,002,859	12/14/1999	DiGioia III, et al.
179.	6,006,126	12/21/1999	Cosman
180.	6,007,537	12/28/1999	Burkinshaw, et al.
181.	6,010,506	01/04/2000	Gosney, et al.
182.	6,011,987	01/04/2000	Barnett
183.	6,016,606	01/25/2000	Oliver, et al.
184.	6,021,342	02/01/2000	Brabrand
185.	6,021,343	02/01/2000	Foley, et al.
186.	6,022,377	02/08/2000	Nuelle, et al.
187.	6,026,315	02/15/2000	Lenz, et al.
188.	6,030,391	02/29/2000	Brainard, et al.
189.	6,033,410	03/07/2000	McLean, et al.
190.	6,041,249	03/21/2000	Regn
191.	6,044,291	03/28/2000	Rockseisen
192.	6,050,724	04/18/2000	Schmitz, et al.
193.	6,053,922	04/25/2000	Krause, et al.
194.	6,056,756	05/02/2000	Eng, et al.
195.	6,068,633	05/30/2000	Masini
196.	6,069,932	05/30/2000	Peshkin, et al.
197.	6,077,269	06/20/2000	Masini
198.	6,081,336	06/27/2000	Messner, et al.
199.	6,083,163	07/04/2000	Wegner, et al.
200.	6,102,916	08/15/2000	Masini
201.	6,132,433	10/17/2000	Whelan

Examiner Signature		Date Considered	-	-

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Complete if Known

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Examiner Name

Substitute for form 1449A/PTO **ADDITIONAL** INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

10/760,999 Application Number January 20, 2004 Filing Date Mark HARBAUGH First Named Inventor Art Unit 3732

(Use as many sheets as necessary)

Sheet 6

50642/287728 Attorney Docket Number

202.	6,143,390	11/07/2000	Takamiya, et al.
203.	6,144,875	11/07/2000	Schweikard, et al.
204.	6,146,390	11/14/2000	Heilbrun, et al.
205.	6,148,280	11/14/2000	Kramer
206.	6,161,033	12/12/2000	Kuhn
207.	6,162,190	12/19/2000	Kramer
208.	6,165,181	12/26/2000	Heilbrun, et al.
209.	6,167,292	12/26/2000	Badano, et al.
210.	6,167,295	12/26/2000	Cosman
211.	6,167,296	12/26/2000	Shahidi
212.	6,168,627 B1	01/02/2001	Huebner
213.	6,185,315 B1	02/06/2001	Schmucker, et al.
214.	6,187,010 B1	02/13/2001	Masini
215.	6,190,320 B1	02/20/2001	Lelong
216.	6,190,395 B1	02/20/2001	Williams
217.	6,195,168 B1	02/27/2001	De Lega, et al.
218.	6,197,064	03/06/2001	Haines, et al.
219.	6,198,794 B1	03/06/2001	Peshkin, et al.
220.	6,200,316 B1	03/13/2001	Zwirkoski, et al.
221.	6,205,411	03/20/2001	DiGioia, III, et al.
222.	6,211,976 B1	04/03/2001	Popovich, et al.
223.	6,214,011 B1	04/10/2001	Masini
224.	6,216,029 B1	04/10/2001	Paltieli
225.	6,223,067 B1	04/24/2001	Vilsmeier, et al.
226.	6,226,548 B1	05/01/0201	Foley, et al.
227.	6,228,090 B1	05/08/2001	Waddell
228.	6,235,038 B1	05/22/2001	Hunter, et al.
229.	6,236,875 B1	05/22/2001	Bucholz, et al.
230.	6,241,735 B1	06/05/2001	Marmulla
231.	6,249,581 B1	06/19/2001	Kok
232.	6,258,095 B1	07/10/2001	Lombardo, et al.
233.	6,258,096 B1	07/10/2001	Seki
234.	6,264,647B1	07/24/2001	Lechot
235.	6,283,971 B1	09/04/2001	Temeles
236.	6,285,902 B1	09/04/2001	Kienzle, III, et al.
237.	6,317,616 B1	11/13/2001	Glossop
238.	6,332,891 B1	12/25/2001	Himes
239.	6,333,971 B2	12/25/2001	McCrory, et al.
240.	6,344,853 B1	02/05/2002	Knight
241.	6,347,240 B1	02/12/2002	Foley, et al.
242.	6,351,659 B1	02/26/2002	Vilsmeier
243.	6,351,661 B1	02/26/2002	Cosman

			 	 _
Examiner Signature		Date Considered	 	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO Complete if Known 10/760,999 Application Number **ADDITIONAL** January 20, 2004 Filing Date INFORMATION DISCLOSURE Mark HARBAUGH First Named Inventor STATEMENT BY APPLICANT Art Unit 3732 (Use as many sheets as necessary) Examiner Name 50642/287728

Attorney Docket Number

of

Sheet

13

244.	6,377,839 B1	04/23/2002	Kalfas, et al.
245.	6,385,475	05/07/2002	Cinquin, et al.
246.	6,405,072 B1	06/11/2002	Cosman
247.	6,413,261 B1	07/02/2002	Grundei
248.	6,434,507 B1	08/13/2002	Clayton, et al.
249.	6,440,140 B2	08/27/2002	Bullivant, et al.
250.	6,451,059 B1	09/17/2002	Janas, et al.
251.	6,458,135 B1	10/01/2002	Harwin, et al.
252.	6,468,202 B1	10/22/2002	Irion, et al.
253.	6,477,400	11/05/2002	Barrick
254.	6,478,799	11/12/2002	Williamson
255.	6,490,467 B1	12/03/2002	Bucholz, et al.
256.	6,491,429 B1	12/10/2002	Suhm
257.	6,491,702 B2	12/10/2002	Heilbrun, et al.
258.	6,503,249	01/ /2003	Krause, William R.
259.	6,503,254 B2	01/07/2003	Masini
260.	6,527,443 B1	03/04/2003	Vilsmeier, et al.
261.	6,540,739 B2	04/01/2003	Lechot
262.	6,546,279 B1	04/08/2003	Bova, et al.
263.	6,551,319 B2	04/22/2003	Lieberman
264.	6,551,324 B2	04/22/2003	Muller
265.	6,551,325 B2	04/22/2003	Neubauer, et al.
266.	6,558,391 B2	05/06/2003	Axelson, Jr., et al.
267.	6,558,421	05/06/2003	Fell, et al.
268.	6,567,687 B2	05/20/2003	Front, et al.
269.	6,574,493 B2	06/03/2003	Rasche, et al.
270.	6,595,997 B2	07/22/2003	Axelson, Jr., et al.
271.	6,602,259 B1	08/05/2003	Masini
272.	6,620,268	09/16/2003	Cho, et al.
273.	6,640,127 B1	10/28/2003	Kosaka, et al.
274.	6,652,142 B2	11/25/2003	Launay, et al.
275.	6,662,036 B2	12/09/2003	Cosman
276.	6,673,077 B1	01/06/2004	Katz
277.	6,685,711	02/03/2004	Axelson, Jr., et al.
278.	6,692,447 B1	02/17/2004	Picard
279.	6,695,848	02/24/2004	Haines
280.	6,702,821	03/09/2004	Bonutti
281.	6,711,431 B2	03/23/2004	Sarin, et al.
282.	6,712,823 B2	03/30/2004	Grusin, et al.
283.	6,712,824 B2	03/30/2004	Millard, et al.
284.	6,716,249 B2	04/06/2004	Hyde

Examiner Signature		Date Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
d to respond to a collection of information unless it contains a valid OMB control number.

	Under	ULCTA	RIWOR RELIEBON ACTOR 1995, NO	persons are required to respond to a con-	CHOIT OF INTOTTE CONTINUES IN C	
Substitute for form 1449A/PTO ADDITIONAI					Complete if Known	
				Application Number	10/760,999	
TAIL		-		Filing Date	January 20, 2004	
	ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		First Named Inventor	Mark HARBAUGH		
STA		Art Unit	3732			
	(Use as many shee	ets as n	necessary)	Examiner Name		
Sheet	8	of	13	Attorney Docket Number	50642/287728	

285.	6,725,082	04/20/2004	Sati, et al.	
286.	6,780,190 B2	08/24/2004	Maroney	
287.	6,827,723 B2	12/07/2004	Carson	

Examiner Signature	Date Considered	

			Cricci dic i di	ALTO THE TOTAL PROPERTY OF THE PARTY OF THE			
Su	ıbstitute f	or form 1449A/P	го			Complete if Known	
		ADE	ITIO	NAT.	Application Number	10/760,999	
	ADDITIONAL INFORMATION DISCLOSURE	Filing Date	January 20, 2004				
					First Named Inventor	Mark HARBAUGH	
	STA	TEMEN	LBY	APPLICANT	Art Unit	3732	
	(Use as many sheets as necessary)			necessary)	Examiner Name		
Sh	neet	9	of	13	Attorney Docket Number	50642/287728	1

		FOREIGN PA	TENT DOCU	MENTS		
Examiner	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited	Pages, Columns, Lines, Where Relevant Passages or	
Initials*		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	MM-DD-YYYY	Document	Relevant Figures Appear	T ⁶
	288.	WO 94/17733	08/18/1994	WIPO		
	289.	WO 95/15714	06/15/1995	WIPO		
	290.	WO 96/35387	11/14/1996	WIPO		
	291.	WO 97/16129	05/09/1997	WIPO		
	292.	WO 97/23172	07/03/1997	WIPO		
	293.	WO 98/46169	10/22/1998	WIPO		
	294.	WO 98/29032	07/09/1998	WIPO		
	295.	WO 99/15097	04/01/1999	WIPO		
	296.	WO 99/27860	06/10/99	WIPO		
	297.	WO 99/60939	12/02/1999	WIPO		
	298.	WO 99/65380	12/23/1999	WIPO		
	299.	WO 00/00093	01/06/2000	WIPO		Abstr
	300.	WO 00/21442	04/20/2000	WIPO		
	301.	WO 00/47103	08/17/2000	WIPO		
	302.	WO 00/64367	11/02/2000	WIPO		
	303.	WO 01/01845 A2	01/11/2001	WIPO		
···	304.	WO 01/19271 A2	03/22/2001	WIPO		
	305.	WO 01/64124 A1	09/07/2001	WIPO		
	306.	WO 01/67979 A1	09/20/2001	WIPO		
	307.	WO 01/93770 A1 = PCT/GB01/02523	12/13/2001	WIPO		
	308.	WO 01/91647 A1	12/06/2001	WIPO		Abstr
	309.	WO 02/041794 A1	05/30/2002	WIPO		
	310.	WO 02/063236 A1 & A3	08/2002	WIPO		
	311.	WO 02/064042	08/22/02	WIPO		
	312.	WO 02/067783	09/06/2002	WIPO		
	313.	WO 02/067784	09/06/2002	WIPO	1	
	314.	WO 02/067800	09/06/2002	WIPO		
-	315.	WO 02/080824 A1	10/17/2002	WIPO		
	316.	WO 03/034933 A1	05/01/2003	WIPO	1	
	317.	WO 03/041566 A2	05/22/2003	WIPO		
	318.	WO 03/065949A2	08/14/2003	WIPO		
	319.	WO 03/075740 A2	09/18/2003	WIPO		
	320.	WO 03/079940	10/02/2003	WIPO		
	321.	WO 03/096870 A2	11/27/2003	WIPO		Abstr
	322.	WO 2004/001569 A2	12/31/2003	WIPO		
	323.	WO 04/046754 A2	06/03/2004	WIPO	1	
	324.	WO 2005/039430 A2	05/06/2005	WIPO		

	 		_
Examiner Signature	 Date Considered		

		Under the Pap	nerwork Reduction Act of 1995, no		PTO/SB/08a (08-07 Approved for use through 07/31/2006. OMB 0651-003 Trademark Office; U.S. DEPARTMENT OF COMMERCI ection of information unless it contains a valid OMB control number
Substitute for form 1449A/PTO					Complete if Known
	ADDITIONAL			Application Number	10/760,999
TAIT				Filing Date	January 20, 2004
			ISCLOSURE	First Named Inventor	Mark HARBAUGH
STA	ATEME	NT BY.	APPLICANT	Art Unit	3732
	(Use as many sheets as necessary)			Examiner Name	
Sheet	10	of	13	Attorney Docket Number	50642/287728

F 1 225	WO 2005/041802 A1	05/12/2005	WIPO	<u> </u>	
325.	WO 2005/044126 A1	05/19/2005	WIPO	 	
326.		12/09/1993	Germany		Abstr
327.	DE 42 25 112 C	08/23/2001	Germany		Ausu
328.	DE 100 12 042				Abstr
329.	DE 100 31 887 A1	01/17/2002	Germany		
330.	DE 102 07 035 = WO 03/070112	02/20/2002	Germany		Abstr
331.	DE 196 29 011 A1	01/22/1998	Germany		Abstr
332.	DE 197 09 960 A	09/24/1998	Germany		Abstr
333.	DE 200 21 494	03/29/2001	Germany		
334.	DE 202 13 243	10/17/2002	Germany		Abstr
335.	DE 203 09 399	08/28/2003	Germany		
336.	DE 296 23 941 U1	11/09/2000	Germany		
337.	DE 299 06 438 U1	09/09/1999	Germany		Abstr
338.	EP 0 337 901 A1	10/18/1989	Europe		Abstr
339.	EP 0 340 176 A2	11/02/1989	Europe		Abstr
340.	EP 0 366 488 B1	05/02/1990	Europe		
341.	EP 0 376 657 B1	07/04/1990	Europe		
342.	EP 0 466 659 A2	01/15/1992	Europe		
343.	EP 0 538 152 A1	04/21/1993	Europe		Abstr
344.	EP 0 538 153 B1	04/21/1993	Europe		Abstr
345.	EP 0 555 003 B1	08/11/1993	Europe		
346.	EP 0 676 178 A	10/11/1995	Europe		
347.	EP 0 720 834 A2	07/10/1996	Europe		
348.	EP 1 190 676 B1	03/27/2002	Europe		Abstr
349.	EP 1 226 788 A1	07/31/2002	Europe		
350.	EP 1 249 207	10/16/2002	Europe		-
		-			
		- 			
		 			
		 	-		
 		-			

Examiner Signature	Date Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Attorney Docket Number

Substitute for form 1449A/PTO

ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known 10/760,999 Application Number January 20, 2004 Filing Date Mark HARBAUGH First Named Inventor Art Unit 3732 Examiner Name 50642/287728

(Use as many sheets as necessary) 13 Sheet 11 of

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	351.	Barnes, et al., "Unicompartmental Knee Arthroplasty," Bombay Hospital Journal, Issue Special, pp. 1-5, www.bhj.org/journal/1996/3803 july/special 486.htm	
	352.	Bonutti, et al., "Minimal Incision Total Knee Arthroplasty Using the Suspended Leg Technique," Orthopedics, (published September 2003), 6 pages http://www.orthobluejournal.com/0903/9tips.asp	
	353.	Bonutti, "Total Joint Replacement Surgery in the 21st Century – New 'Limited-Incision' Total Knee Replacement Offers Important Advantages," 01 page (undated)	
	354.	Croitoru, et al., "Fixation-Based Surgery: A New Technique for Distal Radius Osteotomy," Clinical Paper, Computer Aided Surgery 2001, 160-169, Vol. 6 (2001)	
	355.	Delp, et al., "Computer-Assisted Knee Replacement," Clinical Orthopaedics and Related Research, 354:49-56 (1998)	
	356.	Deluzio, et al., "Static alignment and the adduction moment in unicompartmental arthroplasty patients," Presented at NACOB 98: North American Congress on Biomechanics, University of Waterloo, Ontario, Canada, August 14-18, 1998	
	357.	DiGioia, et al., "Computer Assisted Orthopedic Surgery," Clinical Orthopaedics and Related Research, September 1998, Volume 354, pp. 8-16	
-	358.	Ellis, et al., "A Surgical Planning and Guidance System for High Tibial Osteotomy," Journal of Computer-Assisted Surgery, 4(5):264-274 (1999)	
	359.	Foley, et al., "Percutaneous pedicle screw fixation of the lumbar spine," Neurosurg. Focus, Vol. 10(4), pp. 1-8 (2001)	
	360.	Glossop, http://www/traxta.com/papers/cua/mode1.html, 8 pages (02/06/2002)	
3	361.	Iyun, et al., "Planning and Performing the Ilizarov Method with the Taylor Spatial Frame," Abstract, at 2 nd Annual Meeting of International Society for Computer Assisted Orthopaedic Surgery, June 21, 2002, pp. 145-147	
	362.	Kanade, et al., "Image-Based Computer Assisted Orthopedic Surgery System," Bonecraft, Inc., 12 pages, April 30, 2001	
	363.	Kiefer, et al., "Computer Aided Knee Arthroplasty Versus Conventional Technique – First Results," First Annual Meeting of the International Society for Computer Assisted Orthopedic Surgery, Davos, Switzerland, Feb. 8-10, 2001	
	364.	Kunz, et al., "Development and Verification of a Non-CT Based Total Knee Arthroplasty System for the LCS Prosthesis," First Annual Meeting of the International Society for Computer Assisted Orthopedic Surgery, Davos, Switzerland, Feb. 8-10, 2001	

	 	$\overline{}$
Examiner Signature	Date Considered	

PTO/SB/08a (08-93)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE to respond to a collection of information unless it contains a unled O.C. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known Application Number 10/760,999 Filing Date January 20, 2004 First Named Inventor Mark HARBAUGH Art Unit 3732 Examiner Name

(Use as many sheets as necessary)

375.

376.

377.

378.

379.

http://www/ao-

50642/287728 12 13 Attorney Docket Number Sheet of Munoz, et al., "Computer Assisted Planning of Hig Tibial Osteotomy for the Treatment of Knee Osteoarthritis," http://www.utc.fr/esb/esb09/abs htm/570.html (02/21/2002) 365. Picard, et al., "Kneenav.TKR: Concept and Clinical Application," Computer Assisted 366. Orthopedic Surgery USA 2000 Meeting, Pittsburgh, PA., June 15-17, 2000 Saragaglia, et al., "Computer Assisted Total Knee Arthroplasty: Comparison with a Conventional Procedure. Results of a 50 Cases Prospective Randomized Study," First 367. Annual Meeting of the International Society for Computer Assisted Orthopedic Surgery, Davos, Switzlerland, Feb. 8-10, 2001 Simon, et al., "The Fundamentals of Virtual Fluoroscopy," Medtronic Surgical Navigation Technologies, Medtronic, pp. 57-66, Computer Assisted Orthopedic 368. Surgery USA 2000 Meeting, Pittsburgh, PA, June 15-17, 2000 Sugano, et al., "Medical Robotics and Computer-Assisted Surgery in the Surgical Treatment of Patients and Rheumatic Diseases," Cutting Edge Reports, 369. http://www/rheuma21st.com/archives/cutting_edge_Robotics_Japan.html (04/27/2000) Suhm, et al., "Adapting the C-Arm Fluoroscope for Image Guided Orthopaedic 370. Surgery," CAOS, pp. 212-214 (2002) Tenbusch, et al., "First Results Using the Robodoc® System for Total Knee 371. Replacement," First Annual Meeting of the International Society for Computer Assisted Orthopedic Surgrey, Davos, Switzerland, Feb. 8-10, 2001 Valstar, et al., "Towards computer-assisted surgery in should joint replacement," ISPRS 372. Journal of Photogrammetry & Remote Sensing, 56:326-337 (2002) Stryker Navigation System brochure entitled "...best alignment for gap kinematics," 6 373. BrainLAB Brochure entitled "ORTHO...YOUR PARTNER FOR THE FUTURE" 374. pp. 1-28 (2002) Patent Abstracts of Japan, vol. 2002, no. 05, 03 May 2002 & JP 2002 017740A (Ochi

Takahiro; Yonenobu Sakuo: MMT:KK) 22 January 2002 Abstract

Smith & Nephew - Orthopaedics - TriGen Flexible Reamer System

Positioning Unit..." one page (03/26/03)

Patients The Same Way Again." 10 pages (January 2001) Smith & Nephew - Orthopaedics - TriGen Reducer

iONTM Smith & Nephew Orthopaedics Brochure entitled "You'll Never Look At Your

http://www.smithnephew.com/US/Standard.asp?NodeID=2996, one page (01/21/03)

http://www.smithnephew.com/US/Standard.asp?NodeID=2998, 02 pages (01/21/03)

AO Development Institute "MEPUC Motorized Exact

asif.ch/development/adi/examples/mepuc.shtml

Examiner Signature	Date Considered	

Substitute for form 1449A/PTO
ADDITIONAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Complete if Known Application Number 10/760,999 January 20, 2004 Filing Date Mark HARBAUGH First Named Inventor 3732 Art Unit Examiner Name

(Use as many sheets as necessary)

50642/287728 13 13 Sheet Attorney Docket Number

380.	AO Development Institute "MEPUC Motorized Exact Positioning Unit for Carm," one page (07/07/03) http://www.ao-asif.ch/development/adi/examples/mepuc.shtml	
381.	Smith & Nephew – Orthopaedics – CAS – Knees "Computer Assisted Total Knee Replacement Surgery, 02 pages (10/13/2004) http://ortho.smith-nephew.com/us/Standard.asp?Nodeld=3396	
382.	Smith & Nephew ORTHOPAEDIC product bulletin, 01 page	
383.	Smith & Nephew Brochure entitled "Surgical Technique Mini Incision Hip Posterior Approach," 20 pages (03/03)	
384.	TRICON TOTAL KNEE SYSTEM, "TRICON-M® with PRO-FIT™ Surgical Procedures," RICHARDS Brochure, pp. 1-29 (undated)	
385.	SMITH & NEPHEW RICHARDS GENESIS® TOTAL KNEE SYSTEM, "REVISION POSTERIOR REFERENCING INSTRUMENTAION SURGICAL TECHNIQUE," Brochure, pp. 1-51 (12/1993)	
386.	SMITH & NEPHEW RICHARDS GENESIS® "TOTAL KNEE SYSTEM PRIMARY SURGICAL TECHNIQUE ANTERIOR REFERENCING INSTRUMENTATION," PP. 59 (12/1993)	
387.	SMITH & NEPHEW GENESIS II "TOTAL KNEE SYSTEM PRIMARY SURGICAL TECHNIQUE," Brochure, pp. 1-36 (03/2001)	
388.	Smith & Nephew First Choice in Orthopaedics Brochure Entitled "ACHIEVE Computer Assisted Surgery Trauma Applications The Orbiter Base Station & Satellite Surgical Platform," 18 pages (undated)	
389.	Medtronic Surgical Navigation Technologies SNT VERTEK photograph, one page (undated)	
390.	Medtronic Surgical Navigation Technologies System Components photograph VERTEK PLATFORM, one page (undated)	
391.	Medtronic Surgical Navigation Technologies "Overview Image-Guided Surgery An Advanced Solution to Traditional Surgery," two pages (undated)	
392.	BONECRAFT CARNEGIE MELLON COMPUTER-AIDED BONE DEFORMITY CORRECTION Brochure, pp 1-5 (undated)	
387. 388. 389. 390. 391.	PRIMARY SURGICAL TECHNIQUE ANTERIOR REFERENCING INSTRUMENTATION," PP. 59 (12/1993) SMITH & NEPHEW GENESIS II "TOTAL KNEE SYSTEM PRIMARY SURGICAL TECHNIQUE," Brochure, pp. 1-36 (03/2001) Smith & Nephew First Choice in Orthopaedics Brochure Entitled "ACHIEVE Computer Assisted Surgery Trauma Applications The Orbiter Base Station & Satellite Surgical Platform," 18 pages (undated) Medtronic Surgical Navigation Technologies SNT VERTEK photograph, one page (undated) Medtronic Surgical Navigation Technologies System Components photograph VERTEK PLATFORM, one page (undated) Medtronic Surgical Navigation Technologies "Overview Image-Guided Surgery An Advanced Solution to Traditional Surgery," two pages (undated) BONECRAFT CARNEGIE MELLON COMPUTER-AIDED BONE	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner Signature	Date Considered	

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the